Substitute for form 1449/PTO	Complete if Known	
INFORMATION DISCLOSURE	Application Number	10/551,200
STATEMENT BY APPLICANT	Filing Date	August 31, 2006
	First named Inventor	Micheal West
7 - C 2000	Group Art Unit	1626
(use as many sheets as necessary)	Examiner name	Rei Tsang Shiao
Sheet 1 of 9	Attorney Docket Number	024944-9013-US00

U.S. Patent Documents U.S. Patent Document Number Name of Patentee or Applicant of Cited Date of Publication of Cited Examiner Initials Document Document 2,407,823 Fieser 9/17/1946 2,913,477 Hirschmann 11/17/1959 3,212,901 Robeson 10/19/1965 4,075,333 Josse 2/21/1978 4,141,938 Klose 2/27/1979 4,299,906 Liu 11/10/1981 4,369,172 Schor et al. 1/18/1983 Bertelli ' 4,654,373 3/31/1987 4,684,520 Bertelli 8/4/1987 4,686,211 Hara et al. 8/11/1987 4,874,883 Uphues et al. 10/17/1989 4,952,495 Belly et al. 8/28/1990 5,041,434 Lubkin 8/20/1991 5,053,222 Takasu et al. 10/1/1991 5,091,848 Kojima 2/25/1992 5,094,848 Brixner 3/10/1992 5,114,957 Hendler et al. 5/19/1992 5,138,084 Casagrande et al. 8/11/1992 5,173,304 Lohner et al. 12/22/1992 5,374,645 12/20/1994 Kurihara-Bergstrom et al. 5,387,579 Meybeck et al. 2/7/1995 5,446,070 Mantelle 8/29/1995

	r	
Examiner	Date	
Signature	Considered	
	1	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number Filing Date	10/551,200 August 31, 2006	
(use as many sheets as necessary)	Filing Date		
(use as many sheets as necessary)	TCI	August 31, 2006	
	First named Inventor	Micheal West	
	Group Art Unit	1626	
	Examiner name Attorney Docket Number	Rei Tsang Shiao 024944-9013-US00	
Sheet 2of 9	Audited Docket Number	024944-9013-0500	
U.S.	Patent Documents		
U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	
5,474,891	Murphy	12/12/1995	
5,474,991	Ogata et al.	12/12/1995	
5,554,781	Reierson	9/10/1996	
5,570,504	Distefano et al.	11/5/1996	
5,583,105	Kovacs et al.	12/10/1996	
5,589,504	Dannenberg et al.	12/31/1996	
5,603,949	Meybeck et al.	2/18/1997	
5,607,921	Bernard et al.	3/4/1997	
5,643,597	Meybeck et al.	7/1/1997	
5,741,518	Ribier et al.	4/21/1998	
5,759,526	Simonnet et al.	6/2/1998	
5,776,915	Peterson et al.	7/7/1998	
5,780,504	Ptchelintsev	7/14/1998	
5,804,168	Murad	9/8/1998	
5,804,216	Terren et al.	9/8/1998	
5,807,542	Challis et al.	9/15/1998	
5,807,845	Ogata et al.	9/15/1998	
5,885,595	Corey et al.	3/23/1999	
5,906,811	Hersh	5/25/1999	
5,908,846	Bundgaard et al.	6/1/1999	
5,916,915	Hong Jong Eon et al.	6/29/1999	
5,928,631	Lucas et al.	7/27/1999	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Signature

Substitute for form 1449/PTO		Complet	Complete if Known		
IN	FORMATION DISCLOSURE	Application Number	10/551,200		
		Filing Date	August 31, 2006		
81	FATEMENT BY APPLICANT	First named Inventor	Micheal West		
		Group Art Unit	1626		
	(use as many sheets as necessary)	Examiner name	Rei Tsang Shiao		
	Sheet 3of 9	Attorney Docket Number	024944-9013-US00		
		U.S. Patent Documents			
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document		

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	5,965,750	Oonishi et al.	10/12/1999
	5,981,474	Manning et al.	11/9/1999
	6,022,867	Ito et al.	2/8/2000
	6,046,181	Oonishi et al.	4/4/2000
	6,048,891	Wechter	4/11/2000
	6,096,326	Wikholm	8/1/2000
	6,121,249	Weissman et al.	9/19/2000
	6,184,247	Schneider	2/6/2001
	6,384,043	Peyman et al.	5/7/2002
	6,403,811	West	6/11/2002
	6,417,223	Sanders et al.	7/9/2002
	6,423,742	Larson	7/23/2002
	6,444,220	Wiley	9/3/2002
	6,444,234	Kirby et al.	9/3/2002
	6,479,540	Constantinides et al.	11/12/2002
	6,579,995	West	6/17/2003
	6,599,933	Takada et al.	7/29/2003
	6,645,998	Sanders et al.	11/11/2003
	6,703,384	Sanders et al.	3/9/2004
	6,770,672	Sanders et al.	8/3/2004
	7,179,486	Mulye	2/20/2007
	2002/0131994	Schur et al.	9/19/2002

		· · · · · · · · · · · · · · · · · · ·		
Exam	iner		Date	
Signa	ture		Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

Substitute for form 1449/PTO		Complete if Known		
	INFORMATION DISCLOSURE	Application Number 10/551,200		
	STATEMENT BY APPLICANT	Filing Date	August 31, 2006	
	STATEMENT DI ATTLICANT	First named Inventor	Micheal West	
	(use as many sheets as necessary)	Group Art Unit Examiner name	Rei Tsang Shiao	
	Sheet 4of 9	Attorney Docket Number	024944-9013-US00	
		U.S. Patent Documents		
		U.S. Patent Documents		
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	
	2002/0151467	Leung	10/17/2002	
	2003/0035812	Ito et al.	2/20/2003	
	2003/0157326	Vaghefi et al.	8/21/2003	
	2003/0206972	Babish et al.	11/6/2003	
	2004/0052754	· West et al.	3/18/2004	
	2004/0067890	Gupta	4/8/2004	
	2004/0096493	West	5/20/2004	
	2004/0097431	Sanders et al.	5/20/2004	
	2004/0097472	West et al.	5/20/2004	
	2004/0204343	Fishman	10/14/2004	
	2004/0234602	Fischer et al.	11/25/2004	
	2004/0235938	Sanders et al.	11/25/2004	
	2004/0241225	West	12/2/2004	
	2004/0253318	West et al.	12/16/2004	
	2005/0009787	West et al.	1/13/2005	
	2005/0089495	West	4/28/2005	
	2006/0241085	West et al.	10/26/2006	
	2006/0257459	West et al.	11/16/2006	
	2006/0281715	West	12/14/2006	
	2006/0281716	West et al.	12/14/2006	
	2007/0042999	West et al.	2/22/2007	

		
Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

bstitute for form 1449/PTO	Complete if Known		
INFORMATION DISCLOSURE	Application Number	10/551,200	
STATEMENT BY APPLICANT	Filing Date	August 31, 2006	
	First named Inventor	Micheal West	
	Group Art Unit	1626	
(use as many sheets as necessary)	Examiner name	Rei Tsang Shiao	
Sheet 5of 9	Attorney Docket Number	024944-9013-US00	

U.S. Patent Documents

FOREIGN PATENT DOCUMENTS Country Name of Patentee or Examiner Foreign Patent Document Date of Publication of Cited English Translation Initials Code Number Applicant of Cited Document Document Abstract CA 1337992 Shiseido Co. Ltd. et al. 1/23/1996 X EP 0171009 Henkel Corporation 2/12/1986 X Takeda Chemical Industries EP 0324387 7/19/1989 X Ltd. EP 0338429 **BASF AG** 10/25/1989 Senju Pharmaceutical Co., Inc. EP 0430045 6/5/1991 X EP 0430336 Zambon Group SpA 6/5/1991 X EP 0436911 Eisai Co., Ltd. 7/17/1991 X EP 0565007 Senju Pharmaceutical Co., Inc. 10/13/1993 X EP 0574255 Indena SpA 12/15/1993 X EP 0617963 Senju Pharmaceutical Co., Inc. 10/5/1994 X EP 0641790 Scotia Holdings Plc 3/8/1995 X EP 0661053 Senju Pharmaceutical Co., Inc. 7/5/1995 X EP 0679399 Senju Pharmaceutical Co., Inc. 11/2/1995 X EP 0680760 Senju Pharmaceutical Co., Inc. 11/8/1995 X EP 0684043 Senju Pharmaceutical Co., Inc. 12/29/1995 X EP 0699440 Senju Pharmaceutical Co., Inc. 3/6/1996 Х Senju Pharmaceutical Co., Inc. EP 0826365 3/4/1998 X Showa Denko Kabushiki EP 0845216 6/3/1998 X Kaisha EP 0965328 Kao Corporation 12/22/1999 Х EP 1023897 Showa Denko KK 8/2/2000 X EP 1053749 Senju Pharmaceutical Co., Inc. 11/22/2000 X General Aniline & Film GB 1121683 7/31/1968 X

Examiner	Date
Signature	Considered

Corporation

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

Substitute for form 1449/PTO	Complete if Known		
INFORMATION DISCLOSURE	Application Number	10/551,200	
STATEMENT BY APPLICANT	Filing Date	August 31, 2006	
	First named Inventor	Micheal West	
	Group Art Unit	1626	
(use as many sheets as necessary)	Examiner name	Rei Tsang Shiao	
Sheet 6of 9	Attorney Docket Number	024944-9013-US00	

U.S. Patent Documents

FOREIGN PATENT DOCUMENTS

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
	GB	2227662	E.R. Squibb & Sons Inc.	8/8/1990		X
	JP	53015381	Eisai Co. Ltd.	2/13/1978		х
	JР	58180410	Shiseido Co. Ltd. et al.	10/21/1983		х
	JP	59044375	Senju Seiyaku KK	3/12/1984		х
	JP	59157091	Sanyo Chem. Ind. Ltd.	9/6/1984		х
	JP	61086940	Kao Corporation	5/2/1986		х
	JP	61091137	Kao Corporation	5/9/1986		Х
	JP	61233631	Kao Corporation	10/17/1986		х
	JР	62195393	Yakult Honsha KK	8/28/1987		Х
	JР	63139972	Senju Pharmaceutical Co., Inc.	6/11/1988		Х
	JР	4208209	Showa Denko KK	7/29/1992		Х
	JР	5132700	Sunstar Chemical Industries	5/28/1993		Х
	ЛР	5201858	SS Pharmaceutical Co.	8/10/1993		X
	JP	6048962	Morimoto Kazutoshi	2/22/1994		Х
	JP	6078214	Senju Pharmaceutical Co., Inc.	10/5/1994		Х
	JР	7011291	Kao Corporation	1/13/1995		Х
	ЛР	7278587	Kao Corporation	10/24/1995		х
	JP	7316170	Kao Corporation	12/5/1995		Х
	JР	8073338	Noevir KK	3/19/1996		Х
	JР	8193089	Kao Corporation	7/30/1996		Х
	JP	8311085	Kao Corporation	11/26/1996		Х
	JP	9044375	Hitachi Ltd.	2/14/1997		х
	JР	9309813	Nonogawa Shoji KK	12/2/1997		Х

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

Substitute for form 1449/PTO	Complete if Known		
INFORMATION DISCLOSURE	Application Number	10/551,200	
	Filing Date	August 31, 2006	
STATEMENT BY APPLICANT	First named Inventor	Micheal West	
	Group Art Unit	1626	
(use as many sheets as necessary)	Examiner name	Rei Tsang Shiao	
Sheet 7 of 9	Attorney Docket Number	024944-9013-US00	

U.S. Patent Documents

FOREIGN PATENT DOCUMENTS

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
	JР	10045783	Showa Denko KK	2/17/1998		Х
	JР	11043436	Showa Denko KK	2/16/1999		Х
	ЛР	11199424	Nonogawa Shoji KK	7/27/1999		Х
	JP	11199465	Nonogawa Shoji KK	7/27/1999	Х	Х
	JР	2001247585	Nippon Oils & Fats Co. Ltd.	9/11/2001		х
	JP	2002080475	Takada Jiro	3/19/2002		Х
	SU	925961	MO I T Pishchevoj Promy	5/7/1982		Х
	wo	91/17987	SmithKline & French Laboratories Ltd.	11/28/1991		х
	wo	92/03122	CEVC	3/5/1992		Х
	wo	92/07544	Senju Pharmaceutical Co., Inc.	5/14/1992		X
-	wo	92/08459	Kabi Pharmacia AB	5/29/1992		X
	wo	93/02661	LVMH Rech	2/18/1993		Х
	wo	93/15731	Lamb	8/19/1993		Х
	wo	93/24131	Procter & Gamble Pharmaceuticals Inc.	12/9/1993		х
	wo	95/31217	A/S Dumex	11/23/1995		Х
	wo	95/34303	Arcturus Pharmaceutical Corp.	12/21/1995		X
	wo	96/17852	Kao Corporation	6/13/1996		X
	wo	96/20715	Perstorp AB	7/11/1996		X.
	wo	96/21440	Alpha-Therapeutics Inc. et al.	7/18/1996		Х
	wo	96/29336	Medical Research Council et al.	9/26/1996		Х
	wo	97/14705	Showa Denko KK	4/24/1997		Х
	wo	97/35591	Inspire Pharmaceuticals Inc.	10/2/1997		X

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

ostitute for form 1449/PTO	Con	plete if Known	
INFORMATION DISCLOSURE	Application Number	10/551,200	
	Filing Date	August 31, 2006	
STATEMENT BY APPLICANT	First named Inventor	Micheal West	
	Group Art Unit	1626	
(use as many sheets as necessary)	Examiner name	Rei Tsang Shiao	
Sheet 8of 9	Attorney Docket Number	024944-9013-US00	

U.S. Patent Documents

			FOREIGN PATENT DOCUME	NTS		
Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
	wo	00/16772	Research Development Foundation	3/30/2000		х
·	wo	00/30620	Gasco	6/2/2000		Х
	wo	00/43380	Swig Pty. Ltd.	7/27/2000		х
	wo	00/57876	Lipogenics, Inc.	10/5/2000		х
	wo	00/59475	Lipocine Inc.	10/12/2000		х
	wo	00/69865	Swig Pty. Ltd.	11/23/2000		Х
	wo	00/71094	Amway Corporation	11/30/2000		х
	wo	00/71125	LTS Lohmann Therapie- Systeme AG	11/30/2000		х
	wo	01/19372	Pharmacia & Up John SpA	3/22/2001		Х
	wo	01/22937	Sonus Pharmaceuticals, Inc.	4/5/2001		х
	wo	01/35998	Pharmaderm Laboratories, Ltd.	5/25/2001		Х
	wo	01/46204	Merck Frosst Canada & Co.	6/28/2001		Х
	wo	01/58889	Research Development Foundation	8/16/2001		х
	wo	02/26238	Tocovite Pty Ltd.	4/4/2002		X
	wo	02/36736	The Regents of University of California	5/10/2002		Х
	wo	02/39996	Pharmacia & Up John Company	5/23/2002		Х
	wo	02/40033	Tocovite Pty Ltd.	5/23/2002		Х
	wo	02/40034	Tocovite Pty Ltd.	5/23/2002		Х
	wo	03/011303	Vital Health Sciences Pty. Ltd.	2/13/2003		Х
	wo	03/013550	Vital Health Sciences Pty. Ltd.	2/20/2003		Х
	wo	03/024429	Egalet AS	3/27/2003		Х

Examiner Signature	Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

bstitute for form 1449/PTO	Con	nplete if Known
INFORMATION DISCLOSURE	Application Number	10/551,200
	Filing Date	August 31, 2006
STATEMENT BY APPLICANT	First named Inventor	Micheal West
	Group Art Unit	1626
(use as many sheets as necessary)	Examiner name	Rei Tsang Shiao
Sheet 9 of 9	Attorney Docket Number	024944-9013-US00

U.S. Patent Documents

FOREIGN PATENT DOCUMENTS

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
·	wo	03/024430	Egalet AS	3/27/2003		Х
	wo	03/026673	Vital Health Sciences Pty. Ltd.	4/3/2003		х
	wo	03/039461	Research Development Foundation	5/15/2003		х
	wo	03/043570	Galieo Laboratories Inc.	5/30/2003		х
	wo	03/049774	Vital Health Sciences Pty. Ltd.	6/19/2003		х
	wo	03/053407	Research Development Foundation	7/3/2003		х
	wo	03/101480	Perricone	12/11/2003		х
	WO	2004/014432	Vital Health Sciences Pty. Ltd.	2/19/2004		х
	wo	2004/060315	Perricone	7/22/2004		х
	wo	2004/064831	Vital Health Sciences Pty. Ltd.	8/5/2004		Х
·	wo	2004/091636	Vital Health Sciences Pty. Ltd.	10/28/2004		х
	wo	2004/092186	Vital Health Sciences Pty. Ltd.	10/28/2004		х
	wo	2005/023282	LTT Bio-Pharma Co. Ltd.	3/17/2005		. X
	wo	2005/084678	Vital Health Sciences Pty. Ltd.	9/15/2005		х
	WO	2006/012692	Vital Health Sciences Pty. Ltd.	2/9/2006		х
	wo	2006/092024	Vital Health Sciences Pty. Ltd.	9/8/2006		Х
	wo	2006/092025	Vital Health Sciences Pty. Ltd.	9/8/2006		X
	wo	2006/133506	Vital Health Sciences Pty. Ltd.	12/21/2006		Х
	wo	2007/070981	Vital Health Sciences Pty. Ltd.	6/28/2007		Х

Examiner Signature	Date Considered	·
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449B/PTO			Complete if Known			
				Application Number	10/551,200	
INFOR	MATION	N DISCL	OSURE	Filing Date	August 31, 2006	
STATEMENT BY APPLICANT		First Named Inventor	Micheal West			
				Group Art Unit	1626	
	(use as many she	ets as necessary)	•	Examiner Name	Rei Tsang Shiao	
Sheet	1	of	6	Attorney Docket Number	024944-9013-US00	

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published. ABERG, F. et al., "Distribution and redox state of ubiquinones in rat and human tissues," Arch. Biochem. Biophys. (1992) 295(2):230-234
	ABERG, F. et al., "Distribution and redox state of ubiquinones in rat and human tissues," Arch. Biochem. Biophys.
)
	ALMEIDA, M.E.M. et al., "Evaluation of soybean oil deodorization distillate for Vitamin E recovery," Arq. Biol. Tecnol. (1994) 37(4):1003-1011
	BARRETT, C.W. et al., "The effect of particle size and vehicle on the percutaneous absorption of fluocinolone acetonide," Brit. J. Dermatol. (1965) 77:576-578
	BIKERMAN, J.J., "Mechanical destruction of young and old foam films," J. Phys. Chem. (1952) 56:164-165
	BLOM, J.H. et al., "Reproductive success of female rainbow trout (Oncorhynchus mykiss) in response to graded dietary ascorbyl monophosphate levels," Biol. of Reproduction (1995) 52:1073-1080
	CEVC, G. "Transdermal drug delivery of insulin with ultradeformable carriers," Clin. Pharmacokinet. (2003) 42(5):461-474
	CEVC, G. et al., "Ultraflexible vesicles, transfersomes, have an extremely low pore penetration resistance and transport therapeutic amounts of insulin across the intact mammalian skin," Biochim. Biophys. Acta (1998) 1368:201-215
	DE WOLFE, F.A. et al., "Ligand-binding proteins: their potential for application in systems for controlled delivery and uptake of ligands," Pharmacol. Rev. (2000) 52(2):207-236
	DEVARAJ, S. et al., "Modulation of monocyte-macrophage function with alpha-tocopherol: implications for atherosclerosis," Nat. Rev. (2002) 60(1):8-14

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for f	orm 1449B/PTO				Complete if Known	
				Application Number	10/551,200	-
INFOR	MATION	N DISCL	OSURE	Filing Date	August 31, 2006	
STATEMENT BY APPLICANT				First Named Inventor	Micheal West	
				Group Art Unit	1626	
	(use as many she	ets as necessary)	•	Examiner Name	Rei Tsang Shiao	
Sheet	2	of	6	Attorney Docket Number	024944-9013-US00	-

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
	DEVARAJ, S. et al., "Alpha tocopherol supplementation decreases serum C-reactive protein and monocyte interleukin-6 levels in normal volunteers and type 2 diabetic patients," Free Radic. Biol. Med. (2000) 29(8):790-792
	ERNSTER, L. et al., "Biochemical, physiological and medical aspects of ubiquinone function," Biochim. Biophys. Acta (1995) 1271:195-204
	OCTOPLUS, "Formulation Development of Poorly Soluble Drugs" (www.octoplus.nl) (1999) 2 pages (downloaded 11/2008)
	FRACALOSSI, D.M. et al., "Oscars, Astronotus ocellatus, have a dietary requirement for vitamin C," J. Nutrition (1998) 128:1745-1751
	FREI, B. et al., "Ubiquinol-10 is an effective lipid-soluble antioxidant at physiological concentrations," Proc. Natl. Acad. Sci. (1990) 87:4879-4883
	GODIN, B. et al., "Ethosomes: new prospects in transdermal delivery," Crit. Rev. Thera. Drug Car. Syst. (2003) 20(1):63-102
	GOFF et al., "Prevention of cardiovascular disease in persons with Type 2 diabetes mellitus: current knowledge and rationale for the action to control cardiovascular risk in diabetes (ACCORD) trial," Am. J. Cardiol. (2007) 99(suppl):4i-20i
	GRIFFIN, E. et al., "A link between diabetes and atherosclerosis: glucose regulates expression of CD36 at the level of translation," Nature Med. (2001) 7(7):840-846
	GUO, J. et al., "Transdermal delivery of insulin in mice by using Lecithin vesicles as a carrier," Drug Del. (2000) 7:113-116

Examiner	Date	, ,
Signature	Considered	<u>L</u>

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

					Complete if Known	
				Application Number	10/551,200	
				Filing Date	August 31, 2006	
STATI	EMENT B	Y APPL	ICANT	First Named Inventor	Micheal West	
				Group Art Unit	1626	_
(use as many sheets as necessary)			1	Examiner Name	Rei Tsang Shiao	
Sheet	3	of	6	Attorney Docket Number	024944-9013-US00	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS
Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
HERON-MILHAVET, L. et al., "Muscle-specific overexpression of CD36 reverses the insulin resistance and diabetes of MKR mice," Endocrinology (2004) 145:4667-4676
KAGAN, V. et al., "Antioxidant effects of ubiquinones in microsomes and mitochondria are mediated by tocopherol recycling," Biochem. Biophys. Res. Commun. (1990) 169(3):851-857
KARRER, V.P. et al., "d,l-alpha-tocopherol-phosphorsaure-ester," Zurich, Chemisches Institut der Universitat (1933) p. 1137-1138, in German
KING, M.J. et al., "Transdermal delivery of insulin from a novel biphasic lipid system in diabetic rats," Diab. Tech. Therap. (2002) 4(4):479-488
KNOWLER, W.C. et al., "Preventing Non-insulin-dependent diabetes," Diabetes (1995) 44:483-488
LANGSJOEN, P.H. et al., "Overview of the use of CoQ10 in cardiovascular diseases," Biofactors (1999) 9:273-284
LASS, A. et al., "Electron transport-linked ubiquinone-dependent recycling of α-tocopherol inhibits autooxidation of mitochondrial membranes," Arch. Biochem. Biophys. (1998) 352(2):229-236
LEE, C-F. et al., "Attenuation of UV-induced apoptosis by coenzyme Q10 in human cells harboring large-scale deltion of mitochontrial DNA," Ann. N.Y. Acad. Sci. (2005) 1042:429-438
LEI, B. et al.,. "Progress in alpha-tocopherol preparation technology, Xiandai Huagong (1997) 17(7):13-15

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for f	form 1449B/PTO				Complete if Known	
				Application Number	10/551,200	
INFOR	MATIO	N DISCLO	OSURE	Filing Date .	August 31, 2006	
STATEMENT BY APPLICANT				First Named Inventor	Micheal West	
				Group Art Unit	1626	
(use as many sheets as necessary)				Examiner Name	Rei Tsang Shiao	
Sheet	4	of	6	Attorney Docket Number	024944-9013-US00	

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
	MAGUIRE, J.J. et al., "Succinate-ubiquinone reductase linked recycling of alpha-tocopherol in reconstituted systems and mitochondria: requirement for reduced ubiquinone," Arch. Biochem. Biophys. (1992) 292(1):47-53
	MELLORS, A. et al., "The inhibition of mitochondrial peroxidation by ubiquinone and ubiquinol," J. Biol. Chem. (1966) 241(19):4353-4356
	MERCK INDEX, THE, "α-estradiol" Thirteenth Edition, Whitehouse Station, NJ (2001) page 660
,	MERCK INDEX, THE, "Fludarabine to Fludeoxyglucose F18" pages, Thirteenth Edition, Whitehouse Station, NJ (2001) pages 729-730
	MIYAMOTO, S. et al., "Synthesis of a novel phosphate ester of a vitamin E derivative and its antioxidative activity," Biosci. Biotech. Biochem. (1998) 62(12):2463-2466
	MORGAN, T.M. et al., "Transdermal delivery of estradiol in postmenopausal women with a novel topical aerosol," J. Pharm. Sci. (1998) 87(10):1226-1228
	MORGAN, T.M. et al., "Enhanced transdermal delivery of sex hormones in swine with a novel topical aerosol," J. Pharm. Sci. (1998) 87(10):1219-1225
	MORTENSEN, S.A., "Perspectives on therapy of cardiovascular diseases with coenzyme Q10 (ubiquinone)," Clin. Investig. (1993) 71(Suppl.8):S116-S123
	MUNTEANU, A. et al., "Modulation of cell proliferation and gene expression by alpha-tocopheryl phosphates: relevance to atherosclerosis and inflammation," Biochem. Biophys. Res. Comm. (2004) 318(1):311-316

Examiner	Date	٦
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for f	orm 1449B/PTO				Complete if Known	
	· · · · > . · · · · ·			Application Number	10/551,200	
INFOR	MATION	N DISCL	OSURE	Filing Date	August 31, 2006	-
STATEMENT BY APPLICANT				First Named Inventor	Micheal West	
				Group Art Unit	1626	
	(use as many she	ets as necessary))	Examiner Name	Rei Tsang Shiao	
Sheet	5	of	6	Attorney Docket Number	024944-9013-US00	

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
	OSTRENGA, J. et al., "Significance of vehicle composition I: Relationship between topical vehicle composition, skin penetrability, and clinical efficacy," J. Pharm. Sci. (1971) 60(8):1175-1179
	OWENS, D.R. et al., "Alternative routes of insulin delivery," Diabet. Med. (2003) 20:886-898
	PARKER et al., "Neonatal vitamin K administration and childhood cancer in the North of England: retrospective case-control study," BMJ (1998) 316:189-193
	POTTS, R.O. et al., "Predicting skin permeability," Pharm. Res. (1992) 9(5):663-669
	PURATCHIKODY, A. et al., "Reverse phase - high performance liquid chromatographic determination of atorvastatin calcium in solid dosage forms," Pharma. Review (2003) 1(2):79-80, 83 - STN File CA, Abstract 139:399976 only
	SEVAST'IANOV, V.I. et al., "Transdermal delivery of insulin," Meditsinskaia Tekhnika (2003) 2:21-24
	SEYAMA, Y. et al., "Comparative effects of Vitamin K2 and estradiol on experiemental arteriosclerosis with diabetes mellitus," Int. J. Vitam. Nutr. Res. (2000) 70(6):301-304, Abstract only
	SINGH, R.B. et al., "Randomized double-blind placebo-controlled trial of coenzyme Q10 in patients with acute myocardial infarction," Cardiov. Drugs Ther. (1998) 12:347-353
	Stedman's Medical Dictionary, "Tocopherol," "Tocotrienol," and "Vitamin K1", 22nd Edition, Williams & Wilkins Co. (1972) p. 1303 and 1400

Examiner	Date	
Signature	 Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449B/PTO				Complete if Known		
				Application Number	10/551,200	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			OSURE	Filing Date	August 31, 2006	
			ICANT	First Named Inventor	Micheal West	,
				Group Art Unit	1626	
(use as many sheets as necessary))	Examiner Name	Rei Tsang Shiao	
Sheet	6	of	6	Attorney Docket Number	024944-9013-US00	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.					
	•	YOUNIS et al., "The prevention of type 2 diabetes mellitus: recent advances," Q.J. Med. (2004) 97:451-455					

		·
Examiner	Date	
Signature	Considere	d

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.